

- b) determining whether the polypeptide binds to the test compound.

33. **(New)** A method for identifying a compound which binds to a polypeptide consisting of the amino acid sequence of SEQ ID NO:2, the method comprising:

- a) contacting a cell expressing the polypeptide with a test compound under conditions suitable for binding to the polypeptide; and
- b) determining whether the polypeptide binds to the test compound.

34. **(New)** The method of claim 32 or 33, wherein said binding of the polypeptide is detected by direct binding of the test compound to the polypeptide.

35. **(New)** The method of claim 34, wherein said direct binding is determined by lysing the cell and performing an immunoprecipitation.

36. **(New)** The method of claim 34, wherein said direct binding is determined by a yeast two-hybrid assay.

37. **(New)** The method of claim 32, wherein said binding of the polypeptide is detected by use of an assay for HGT-1 activity.

38. **(New)** A method for identifying a compound which binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:2, the method comprising:

- a) contacting the polypeptide with a test compound under conditions suitable for binding to the polypeptide; and
- b) determining whether the polypeptide binds to the test compound.

39. **(New)** A method for identifying a compound which binds to a polypeptide consisting of the amino acid sequence of SEQ ID NO:2, the method comprising:

- a) contacting the polypeptide with a test compound under conditions suitable for binding to the polypeptide; and
- b) determining whether the polypeptide binds to the test compound.

40. **(New)** The method of claim 38 or 39, wherein said binding of the polypeptide is detected by the use of a competition binding assay.

41. **(New)** The method of claim 38 or 39, wherein said binding of the polypeptide is detected by use of an assay for HGT-1 activity.

42. **(New)** A method for identifying a compound which binds to a polypeptide comprising at least 10 contiguous amino acids of SEQ ID NO:2, the method comprising:

- a) contacting the polypeptide with a test compound under conditions suitable for binding of the polypeptide; and
- b) determining whether the polypeptide binds to the test compound.

43. **(New)** The method of claim 42, wherein said binding of the polypeptide is detected by direct binding of the test compound to the polypeptide.

44. **(New)** The method of claim 43, wherein said direct binding is determined by an immunoprecipitation.

45. **(New)** The method of claim 42, wherein said binding of the polypeptide is detected by the use of a competition binding assay.

46. **(New)** A method for identifying a compound which binds to a naturally occurring allelic variant of a polypeptide consisting of the amino acid sequence of SEQ ID NO:2, wherein the allelic variant is encoded by a nucleic acid molecule which hybridizes under stringent conditions to the complement of a nucleic acid molecule consisting of SEQ ID NO:1 or 3, the method comprising:

- a) contacting a cell expressing the allelic variant with a test compound under conditions suitable for binding of the allelic variant; and
- b) determining whether the allelic variant binds to the test compound.

47. **(New)** The method of claim 46, wherein said binding of the allelic variant is detected by direct binding of the test compound to the allelic variant.